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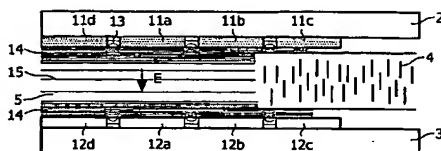
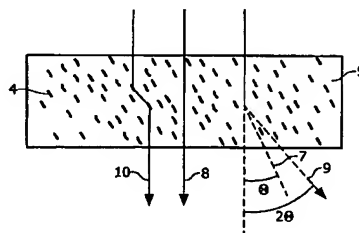
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(54) Title: **ELECTRO-OPTICAL CELL**



(57) Abstract: The invention relates to an electro-optical cell (1) comprising a first (2) and a second (3) support member, an electro-optical medium (5) between the support members and an electrode arrangement (11, 12) on the support members such that an electric field can be applied, in the electro-optical medium, perpendicular to the support members, aligned with the support members or at an oblique angle (7) with respect to the support members. The electro-optical cell further comprises layers (14) of material with different dielectric constant between the support members in order to reduce the inhomogeneity of the electric field lines in the electro-optical medium. By having a layer of cholesteric liquid crystals between the support members, the electro-optical cell will function as a colour filter for varying applied fields. By introducing a particle suspension in a medium between the support members, an electro-optical cell is created that can be switched between a transmissive, reflective and partly deflective state.

WO 2005/069070 A1



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